

DRILL HOLES

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BY: WagnerM

BORDER REV: DATE: JUNE 11, 2004

GENERAL NOTES:

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE MONTGOMERY COUNTY ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE. ALL INTERNAL CABINET WIRING SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES.
5. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
6. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
7. THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES. IF ANY DEVICE IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPAIRED WITHIN 72 HOURS BY THE CONTRACTOR AT NO COST TO THE ADMINISTRATION AFTER NOTIFICATION BY THE ENGINEER.
8. THE CONTRACTOR SHALL COORDINATE WITH MONTGOMERY COUNTY ON THE RELOCATION OF CCTV CAMERA.
9. THE CONTRACTOR SHALL DELIVER THE APS PUSHBUTTONS AND CENTRAL CONTROL UNIT TO MR. ROBERT RICKETTS AT THE MONTGOMERY COUNTY TECHNICAL CENTER AT 1283 SEVEN LOCKS RD, ROCKVILLE, MD 20854 THREE WEEKS PRIOR TO START OF CONSTRUCTION.
10. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
11. THE CONTRACTOR SHALL DELIVER THE SIGNAL CABINET AND VIDEO INTERFACE EQUIPMENT TO THE MONTGOMERY COUNTY SIGNAL SHOP.
12. THE CONTRACTOR SHALL NOTIFY MR. KAMAL HAMUD AND MR. ROBERT RICKETTS AT 240-777-8761 72 HOURS IN ADVANCE OF INTENDED WORK.
13. DETECTABLE WARNING SURFACES SHALL BE RED IN COLOR.
14. ALL SLOTTING OF CONDUIT TO BE COMPLETED PRIOR TO FINAL ROADWAY PAVING.
15. ALL CONDUIT ENDING AT A UTILITY POLE SHALL BE STUBBED OUT ONE (1) FOOT ABOVE GROUND.
16. CONTACT BILL SEMANS WITH WASHINGTON GAS AT (703) 750-4588 48 HOURS PRIOR TO ANY WORK WITHIN 10 FEET OF AN EXISTING GAS LINE.
17. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
18. THE CONTRACTOR SHALL COORDINATE WITH MONTGOMERY COUNTY FORCES ON THE REPLACEMENT OF THE NINE (9) RED LIGHT CAMERA SENSYS SENSOR CUBES.
19. ALL PAVEMENT MARKINGS SHALL BE REINSTALLED IN EXISTING LOCATIONS (UNLESS OTHERWISE NOTED) AFTER FINAL ROADWAY PAVING.
20. DISCONNECT AND SPLICING OF INTERCONNECT CABLES IN THE PROPOSED SIGNAL CABINET SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. THE CONTRACTOR SHALL RUN INTERCONNECT CABLES INTO CABINET AND LABEL THEM. CONTACT KAMAL HAMUD OF MONTGOMERY COUNTY.

APS NOTES

1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60"x60" LEVEL LANDING AREA WITH A CROSS SLOPE LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER OF POLE TO CENTER OF POLE.
3. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF THE LATEST MD-MUTC CHAPTER 4 "PEDESTRIAN CONTROL FEATURES", SEC. 4E.08 AND THE LATEST NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". NOTE: SHOULD FIELD CONDITIONS OBSTRUCT PROPER EQUIPMENT LOCATIONS, THE CONTRACTOR SHALL STOP ALL WORK AND NOTIFY THE SHA ENGINEER FOR REVIEW. AN ALTERNATE DESIGN WAIVER MAY BE NECESSARY AND OBTAINED FOR APPROVAL BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

CONTACTS

DISTRICT (DISTRICT 3 - MONTGOMERY)

MR. BRIAN YOUNG  
DISTRICT ENGINEER  
301-513-7311

MS. ANYESHA MOOKHERJEE  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
301-513-7498

MR. VICTOR GRAFTON  
DISTRICT UTILITY ENGINEER  
301-513-7350

MR. KEVIN NOWAK & MR. DUANE BERNARD  
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
301-513-7336

MR. TOM FOUNTAIN  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
301-513-7304

OFFICE OF TRAFFIC AND SAFETY

MS. CORREN JOHNSON  
CHIEF, TRAFFIC OPERATIONS  
410-787-7630

VACANT  
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS  
410-787-7630

MR. EDWARD RODENHIZER  
CHIEF, SIGNAL OPERATIONS SECTION  
410-787-7650

MR. EUGENE BAILEY  
CHIEF, SIGN OPERATIONS SECTION  
410-787-7670

MR. MICHAEL STOCKER  
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)  
410-787-7696

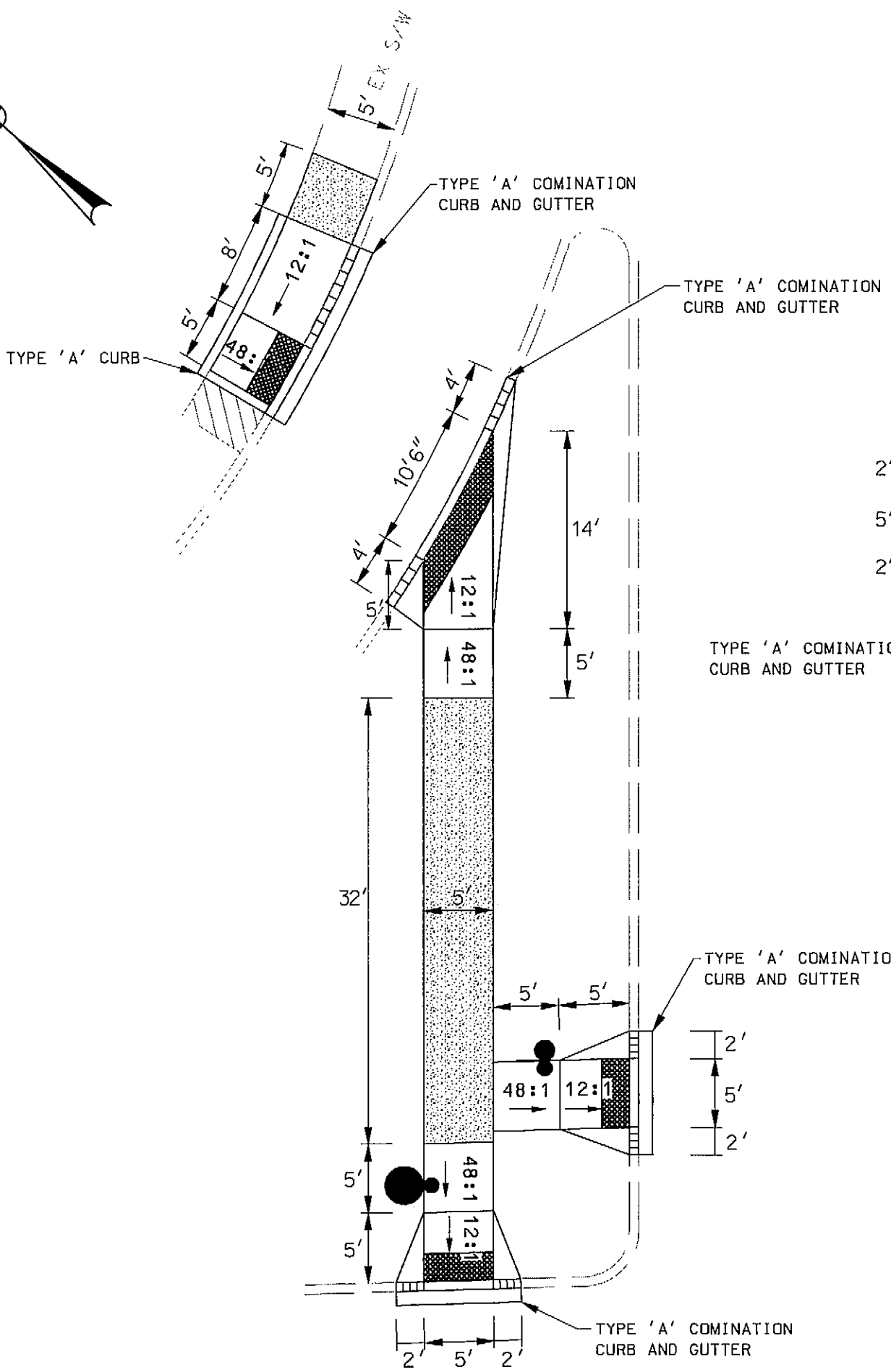
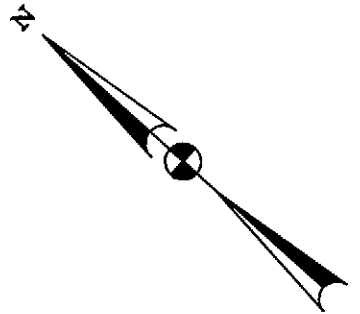
UTILITY CONTACT

PEPCO  
CHERYL HUNT  
(301) 548-4329  
201 W GUDE DRIVE  
ROCKVILLE, MD 20850-0850

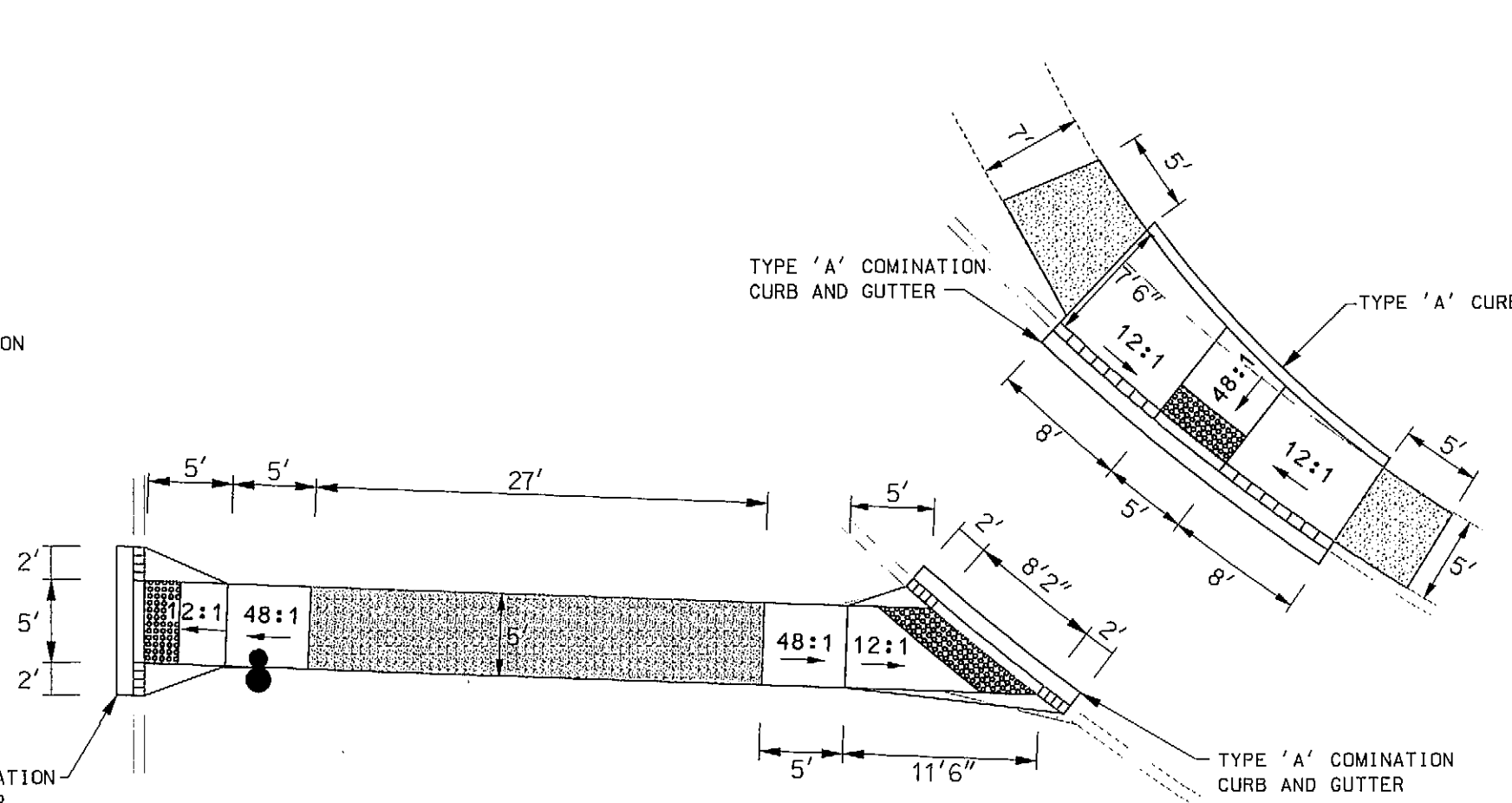
MONTGOMERY COUNTY DOT

MR. KAMAL HAMUD  
TRAFFIC ENGINEER  
240-777-8761

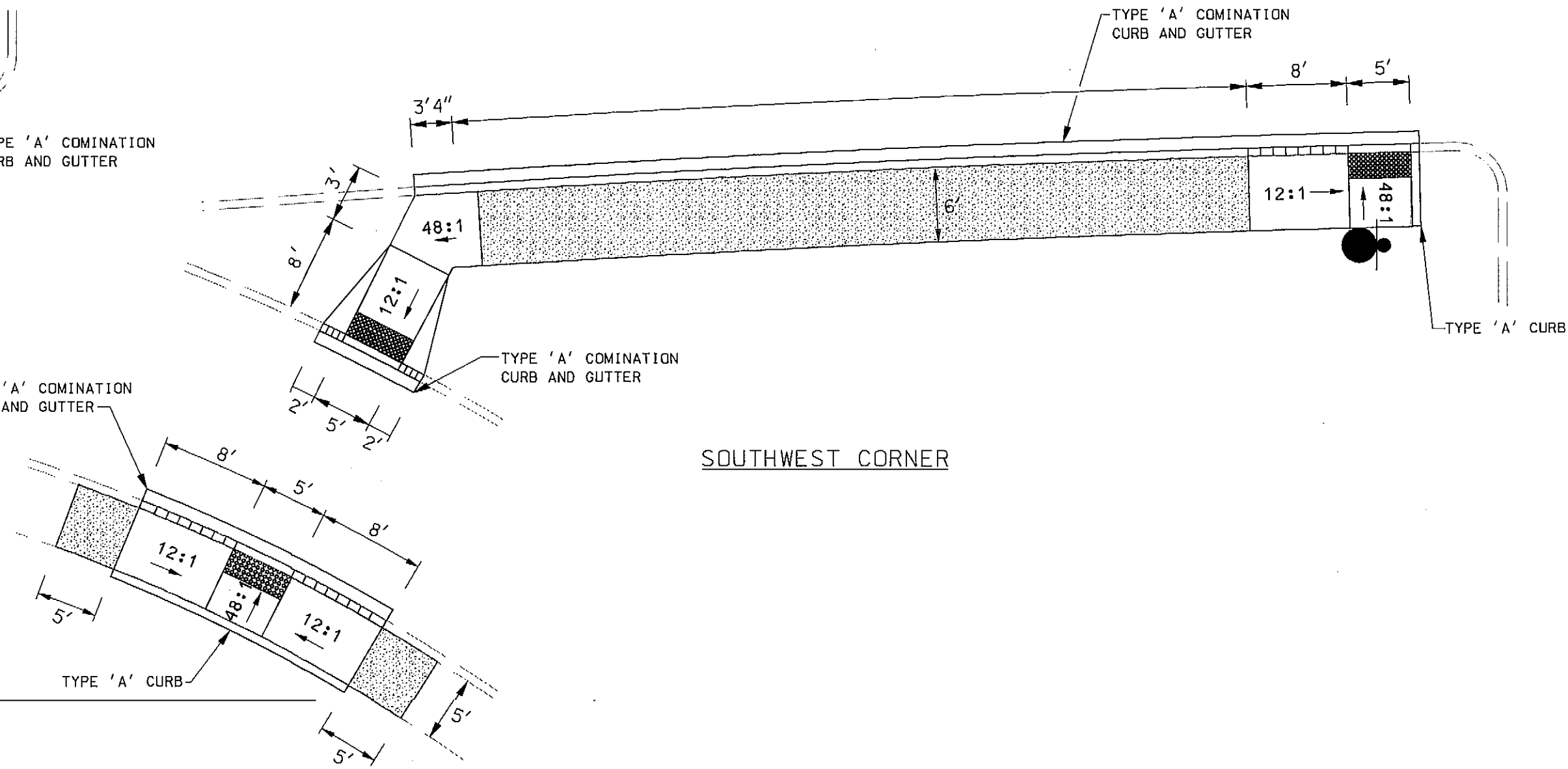
MR. ROBERT RICKETTS  
SIGNAL SHOP  
301-279-1291



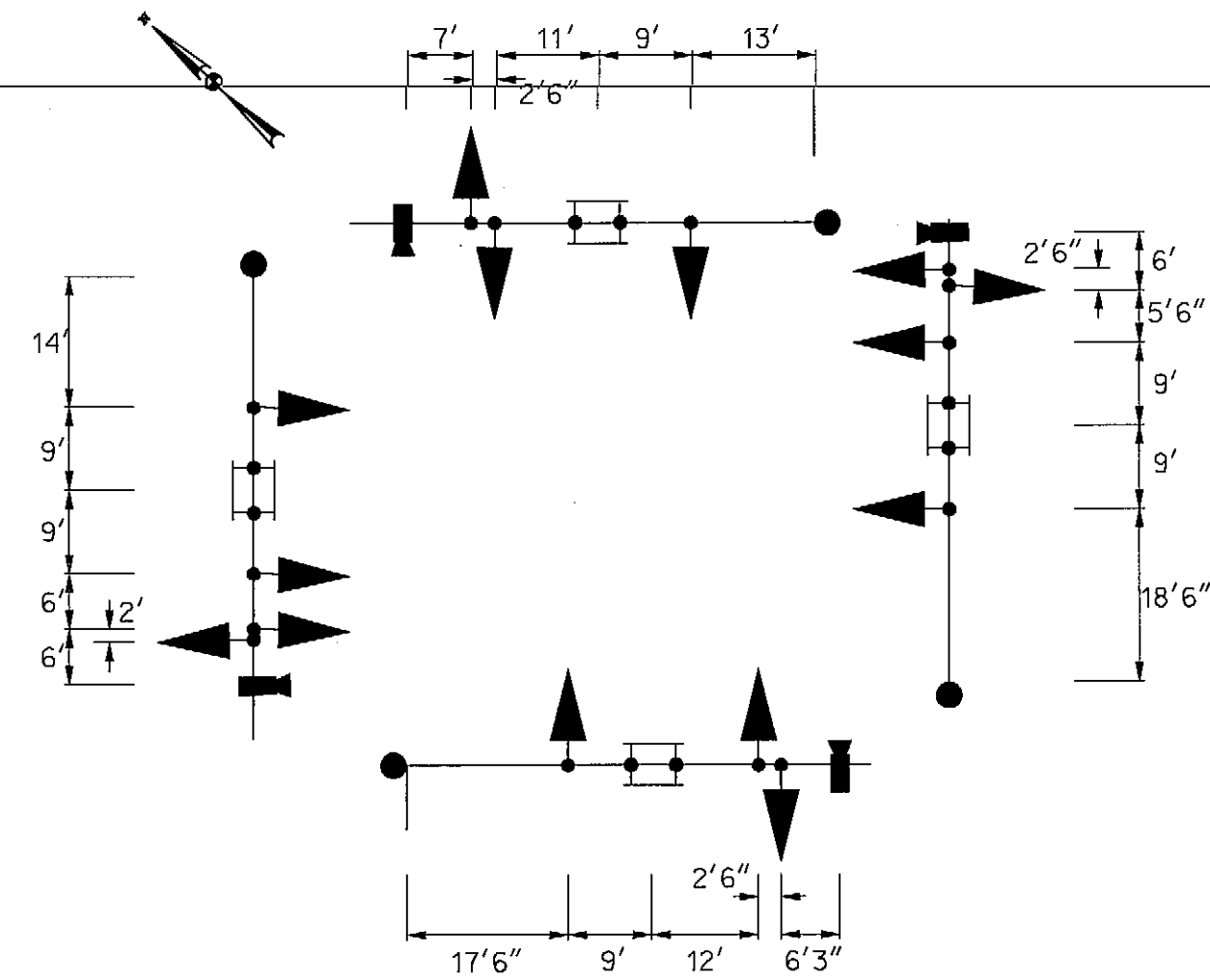
NORTHWEST CORNER



NORTHEAST CORNER



SOUTHWEST CORNER



MAST ARM DIMENSIONS  
N.T.S.

GEOMETRIC LEGEND

EXISTING  
PROPOSED

PROPOSED  
SIDEWALK

DETECTABLE WARNING SURFACE (RED)  
MD STD. 655.40

REMOVE EXISTING SIDEWALK  
INSTALL 4 IN. TOP SOIL

PROPOSED ADA RAMP

NOTE:  
SIDEWALK JOINTS SHOWN  
ARE APPROXIMATE.

ADDENDUM #1

<b>SHA</b>		STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION	
MD 190 (RIVER RD) at MD 188 (WILSON LN)			
CABIN JOHN, MD			
<b>GEOMETRIC DETAIL SHEET</b>			
SCALE 1"=10'		DATE 7-23-2013	CONTRACT NO. MO9745477
DESIGNED BY MAW	COUNTY MONTGOMERY		
DRAWN BY MAW	LOGMILE 1501350.90		
CHECKED BY KMP	TIMS NO. L835		
F.A.P. NO.	TOD NO.		
TS NO.3175F-DE	DRAWING <b>SG-02</b> OF 03	SHEET NO. 33 OF 37	

**PARSONS  
BRINCKERHOFF**

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Tower 1, 10th Floor  
Baltimore, MD 21201  
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